

**Notice of Allowability**

Application No.

09/621,136

Applicant(s)

SHIGEHIRO, SHOICHI

Examiner

CHAN S PARK

Art Unit

2622

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 8/27/04.
2. ☒ The allowed claim(s) is/are 30-35.
3. ☒ The drawings filed on 18 March 2004 are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).


\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

  
EDWARD COLES  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2600

## DETAILED ACTION

### *Response to Amendment*

1. Applicant's amendment was received on 8/27/04, and has been entered and made of record. Currently, **claims 30-35** are pending.

### *Response to Arguments*

2. Applicant's arguments, see pages 6-9, filed 8/27/04, with respect to rejection of claim 30 have been fully considered and are persuasive. The rejection of claim 30 has been withdrawn.

### *Allowable Subject Matter*

3. **Claims 30-35** are allowed.
4. The following is an examiner's statement of reasons for allowance:

The prior art of record do not teach or suggest the limitation of the claimed image input device in an apparatus wherein the input device includes picture elements, each of which picture elements reads a part of each image to be converted,

an area of the part of each image to be read by each picture element is changeable in accordance with at least one of a dimension of the composite image to be printed and a dimension of each image to be read, so that the images are included in the composite image.

As noted by the applicant, see page 8, filed 8/27/04, the applicant's invention is different from the teaching of the Canon device since each picture element is

Art Unit: 2622

changeable prior to the image reading process in accordance with at least one of a dimension of the composite image to be printed and a dimension of each image to be read, so that the images are included in the composite image.

5. Some of the prior art related to the apparatus are cited and detailed below which fail to teach the limitation of independent claim 30 as stated above.

The most relevant prior art Miyauchi et al. U.S. Patent No. 6,424,433 (hereinafter Miyauchi) discloses an apparatus comprising:

an image input device for reading each of the image to be converted to the data of the image wherein:

the image input device includes picture elements, each of which picture elements reads a part of each image to be converted,

an area of the part of each image to be read by each picture element is changeable (changing the resolution) in accordance with a resolution of each image specified.

However, Miyauchi does not teach or suggest the limitations for changing each picture element in accordance with at least one of a dimension of the composite image to be printed and a dimension of each image to be read, so that the images are included in the composite image.

6. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Art Unit: 2622

**Conclusion**


7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to CHAN S PARK whose telephone number is (703) 305-2448. The examiner can normally be reached on M-F 8am-4:30pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Coles can be reached on (703) 305-4712. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

csp  
January 10, 2005

Chan S. Park  
Examiner  
Art Unit 2622

  
EDWARD COLES  
SUPERVISOR PATENT EXAMINER  
TECHNOLOGY CENTER 2600